Safety data sheet  
according to 1907/2006/EC, Article 31

SECTION 1: Identification of the substance/mixture and of the company/undertaking

· 1.1 Product identifier
  · Trade name: 01001920 AUTOSOL® Anodized Aluminium Polish

· 1.2 Relevant identified uses of the substance or mixture and uses advised against
  · Sector of Use
    SU21 Consumer uses: Private households / general public / consumers
    SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
  · Application of the substance / the mixture Polishing agent/ Burnishing compound

· 1.3 Details of the supplier of the safety data sheet
  · Manufacturer/Supplier: Autosol, LLC  
P.O. Box 340358  
Austin, TX 78734

  Tel.: 1-512-804-9337

  www.autosol.com

· Further information obtainable from:  
  msds@autosol.com

· 1.4 Emergency telephone number:  
  1-512-804-9337 or 1-800-314-5545 Toll Free US and Canada

SECTION 2: Hazards identification

· 2.1 Classification of the substance or mixture
  · Classification according to Regulation (EC) No 1272/2008

  GHS05 corrosion

  Eye Dam. 1 H318 Causes serious eye damage.

  Classification according to Directive 67/548/EEC or Directive 1999/45/EC
  · Xi; Irritant
  · R36: Irritating to eyes.

  Information concerning particular hazards for human and environment:
  The product has to be labelled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version.

  Classification system:
  The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

· 2.2 Label elements
  · Labelling according to Regulation (EC) No 1272/2008
  The product is classified and labelled according to the CLP regulation.

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- Hazard pictograms

GHS05

- Signal word Danger

- Hazard-determining components of labelling:
  Oxiran, 2-Methyl-, Polymere with Oxiran, mono(2-Propylheptyl) ether
- Hazard statements
  H318 Causes serious eye damage.
- Precautionary statements
  P102 Keep out of reach of children.
  P280 Wear eye protection / face protection.
  P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  P310 Immediately call a POISON CENTER/doctor.
- Additional information: Keep out of reach of children.

2.3 Other hazards

- Results of PBT and vPvB assessment
  - PBT: Not applicable.
  - vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures
- Description: Mixture of substances listed below with nonhazardous additions.

- Dangerous components:

<table>
<thead>
<tr>
<th>CAS: 67-63-0 propan-2-ol</th>
<th>Xi R36; F R11</th>
</tr>
</thead>
<tbody>
<tr>
<td>EINECS: 200-661-7</td>
<td>R67 Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336</td>
</tr>
<tr>
<td>CAS: 166736-08-9 Oxiran, 2-Methyl-, Polymere with Oxiran, mono(2-Propylheptyl) ether</td>
<td>Xn R22; Xi R41</td>
</tr>
<tr>
<td></td>
<td>Eye Dam. 1; H318; Acute Tox. 4; H302</td>
</tr>
<tr>
<td>CAS: 166736-08-9 Oxiran, 2-Methyl-, Polymer mit Oxiran, mono(2-Propylheptyl) ether</td>
<td>Xn R22; Xi R41</td>
</tr>
<tr>
<td></td>
<td>Eye Dam. 1; H318; Acute Tox. 4; H302</td>
</tr>
</tbody>
</table>

- Additional information: For the wording of the listed risk phrases refer to section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures
- After inhalation: Supply fresh air; consult doctor in case of complaints.
- After skin contact: Generally the product does not irritate the skin.
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· After eye contact:
  Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
· After swallowing:
  If symptoms persist consult doctor.
· 4.2 Most important symptoms and effects, both acute and delayed
  No further relevant information available.
· 4.3 Indication of any immediate medical attention and special treatment needed
  No further relevant information available.

SECTION 5: Firefighting measures

· 5.1 Extinguishing media
  · Suitable extinguishing agents:
    CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
  · For safety reasons unsuitable extinguishing agents:
    Water with full jet
· 5.2 Special hazards arising from the substance or mixture
  No further relevant information available.
· 5.3 Advice for firefighters
  · Protective equipment:
    No special measures required.
  · Additional information
    Cool endangered receptacles with water spray.

SECTION 6: Accidental release measures

· 6.1 Personal precautions, protective equipment and emergency procedures
  Not required.
· 6.2 Environmental precautions:
  Do not allow to enter sewers/ surface or ground water.
· 6.3 Methods and material for containment and cleaning up:
  Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
  Dispose contaminated material as waste according to item 13.
· 6.4 Reference to other sections
  See Section 7 for information on safe handling.
  See Section 8 for information on personal protection equipment.
  See Section 13 for disposal information.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling
  No special precautions are necessary if used correctly.
· Information about fire - and explosion protection
  No special measures required.
· 7.2 Conditions for safe storage, including any incompatibilities
  · Storage:
    · Requirements to be met by storerooms and receptacles:
      No special requirements.
    · Information about storage in one common storage facility:
      Not required.
    · Further information about storage conditions:
      Keep container tightly sealed.
  · Storage class: 10
· 7.3 Specific end use(s)
  No further relevant information available.
SECTION 8: Exposure controls/personal protection

· Additional information about design of technical facilities: No further data; see item 7.

· 8.1 Control parameters

<table>
<thead>
<tr>
<th>Ingredients with limit values that require monitoring at the workplace:</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0 propan-2-ol</td>
</tr>
<tr>
<td>WEL</td>
</tr>
<tr>
<td>Long-term value: 999 mg/m³, 400 ppm</td>
</tr>
</tbody>
</table>

· Additional information: The lists valid during the making were used as basis.

· 8.2 Exposure controls

· Personal protective equipment:

· General protective and hygienic measures:
  The usual precautionary measures are to be adhered to when handling chemicals.
  Keep away from foodstuffs, beverages and feed.
  Immediately remove all soiled and contaminated clothing
  Wash hands before breaks and at the end of work.
  Avoid contact with the eyes.
  Avoid contact with the eyes and skin.

· Respiratory protection:
  Filter A/P2
  In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

· Protection of hands:

  The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
  Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· Material of gloves
  Nitrile rubber, NBR
  Recommended thickness of the material: ≥ 0.5 mm
  The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· Penetration time of glove material
  For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation according to EN 374 Part 3: Level 6).
  The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
  - **Appearance:**
    - **Form:** Pasty
    - **Colour:** Beige
  - **Odour:** Characteristic
  - **Odour threshold:** Not determined.
  - **pH-value:** Not determined.
  - **Change in condition**
    - **Melting point/Melting range:** Undetermined.
    - **Boiling point/Boiling range:** Undetermined.
  - **Flash point:** 49 °C
  - **Flammability (solid, gaseous):** Not applicable.
  - **Ignition temperature:**
    - **Decomposition temperature:** Not determined.
  - **Self-igniting:** Product is not selfigniting.
  - **Danger of explosion:** Product does not present an explosion hazard.
  - **Explosion limits:**
    - **Lower:** Not determined.
    - **Upper:** Not determined.
  - **Vapour pressure at 20 °C:** 23 hPa
  - **Density:** Not determined.
  - **Relative density:** Not determined.
  - **Vapour density:** Not determined.
  - **Evaporation rate:** Not determined.
  - **Solubility in / Miscibility with water:** Not miscible or difficult to mix.
  - **Partition coefficient (n-octanol/water):** Not determined.
  - **Viscosity:**
    - **Dynamic:** Not determined.
    - **Kinematic:** Not determined.

(Contd. of page 6)
· 9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

· 10.1 Reactivity
· 10.2 Chemical stability
· Thermal decomposition / conditions to be avoided:
  No decomposition if used according to specifications.
· 10.3 Possibility of hazardous reactions
  No dangerous reactions known.
· 10.4 Conditions to avoid
  No further relevant information available.
· 10.5 Incompatible materials
  No further relevant information available.
· 10.6 Hazardous decomposition products
  No dangerous decomposition products known.

SECTION 11: Toxicological information

· 11.1 Information on toxicological effects
· Acute toxicity:
  · LD/LC50 values relevant for classification:
    67-63-0 propan-2-ol
    
    |       | LD50     |                  |
    |-------|----------|------------------|
    | Oral  | 5045 mg/kg (rat) |
    | Dermal| 12800 mg/kg (rabbit) |
    | Inhalative| 30 mg/l (rat) |
    | 166736-08-9 Oxiran, 2-Methyl-, Polymere with Oxiran, mono(2-Propylheptyl) ether
    | Oral  | 300-2000 mg/kg (rat) |
    | 166736-08-9 Oxiran, 2-Methyl-, Polymer mit Oxiran, mono(2-Propylheptyl) ether
    | Oral  | 500 mg/kg (rat) |

· Primary irritant effect:
  · on the skin: No irritant effect.
  · on the eye: Irritating effect.
  · Sensitisation: No sensitising effects known.

Additional toxicological information:
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant
Inhalation of concentrated vapours as well as oral intake will lead to anaesthesia-like conditions and headache, disizziness, etc.
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SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity:

<table>
<thead>
<tr>
<th>Chemical</th>
<th>LC50 (96h)</th>
<th>LC50 (48h)</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0 propan-2-ol</td>
<td>&gt; 100 mg/l (daphnia)</td>
<td>&gt; 100 mg/l (fish)</td>
</tr>
<tr>
<td>166736-08-9 Oxiran, 2-Methyl-, Polymere with Oxiran, mono(2-Propylheptyl) ether</td>
<td>LC50 (96h) 10-100 mg/l (daphnia)</td>
<td>LC50 (48h) 1-10 mg/l (daphnia)</td>
</tr>
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<td>166736-08-9 Oxiran, 2-Methyl-, Polymer mit Oxiran, mono(2-Propylheptyl) ether</td>
<td>LC50 (96h) 10-100 mg/l (fish)</td>
<td>LC50 (48h) 1-10 mg/l (fish)</td>
</tr>
</tbody>
</table>

12.2 Persistence and degradability
No further relevant information available.

12.3 Bioaccumulative potential
No further relevant information available.

12.4 Mobility in soil
No further relevant information available.

Additional ecological information:

General notes:
Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water
Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.

12.6 Other adverse effects
No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

Uncleaned packaging:
Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-Number
ADR, ADN, IMDG, IATA: Void

14.2 UN proper shipping name
ADR, ADN, IMDG, IATA: Void

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14.3 Transport hazard class(es)
- ADR, ADN, IMDG, IATA
  Class Void

14.4 Packing group
- ADR, IMDG, IATA
  Void

14.5 Environmental hazards:
- Marine pollutant: No

14.6 Special precautions for user
- Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
- Not applicable.

UN "Model Regulation": -

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
No further relevant information available.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases
- H225 Highly flammable liquid and vapour.
- H302 Harmful if swallowed.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H336 May cause drowsiness or dizziness.
- R11 Highly flammable.
- R22 Harmful if swallowed.
- R36 Irritating to eyes.
- R41 Risk of serious damage to eyes.
- R67 Vapours may cause drowsiness and dizziness.

Department issuing MSDS:
Autosol, LLC
P.O. Box 340358
Austin, TX 78734

Contact: msds@autosol.com

Abbreviations and acronyms:
ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
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IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
Flam. Liq. 2: Flammable liquids, Hazard Category 2
Acute Tox. 4: Acute toxicity, Hazard Category 4
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3